

On the Question of the Monotropic Transformation
of Spodumene, by G. G. Urazov, V. E. Plyushchev,
I. V. Shakhno, ¹⁴pp. 1957

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pp 361-363.

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Sci - Chem

Aug 58

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The Antimony-Iron-Sulphur Ternary System. A
Contribution to the Theory of Precipitation Smelting
of Antimony, by G. G. Urazov, K. A. Bol'shakov,
P. I. Fedorov, I. I. Vasilavskaya, 4 pp.

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1960, pp 449-455.

Cleaver-Hume Press

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Nov 60

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Study of the Reaction Between Ammonia and Zinc
Chloride in Aqueous Medium, by G. G. Urazov,
A. K. Kirakosyan, R. S. Mkhitarian, 4 pp.

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Nature of Carbide Phase in Titanium-Alloyed Steels,
by Yu. T. Lukashevich-Dryanova, V. A. Urazova.

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Metal i Toplivo, No 5, Sep/Oct 1959, pp 127-130.

HB 4765

Sci - Min/Met

May 60

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Determination of Titanium Oxide Inclusions,
by Yu. T. Lukashevich-Duvanova, V. A. Urazova.
UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Metall Toplivo, No 3, 1959, pp 108-112.

HB 4754

Sci - Chem

Dec 59

103,455

Nitride Inclusions in Low Carbon High-Chromium Steel
(abridged)

By Lu. T. Lukashevich-Duvanova, V. A. Urazova pp. 5

RUSSIAN, per. Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metall i
Toplivo, No 6, 1962 pp. 73-80

SIC

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URAZOVSKY, S. S., and YEZERSKAYA, A. V., Inst of Chem
Technology, imeni S. M. Kirov, Kharkov

The Isomerization of Ammonium Thiocyanate in Solutions

Zhur Obshch Khim, Vol XX, No 2, 1950 (Feb), pp 251-253

Consultants Bureau Translation

A 12358

Urazovskii, S. S. and Sidorov, I. A.

THE TEMPERATURE DEPENDENCE OF THE HEAT
CAPACITY OF LIQUIDS AND THE NATURE OF
PHASE TRANSITIONS OF THE SECOND KIND [Ob
Osobennostyakh v Temperaturnoi Zavisimosti Teplem-
kosti Zhidkostei i o Priorode Fazovykh Prevrashchenii
Vtorogo Roda]. 21 Nov 58 [11]p. 8 refs.
Order from OTS or SLA \$1.60

61-16707

Trans. of Akademiya Nauk SSSR. Doklady, 1950,
v. 70, no. 5, p. 859-862.

DESCRIPTORS: *Liquids, *Phase transitions, Temper-
ature, Heat, Measurement, Thermodynamics,
Colorimeters.

The points of phase transitions of crystalline-polymor-
phic modifications coincided with the temperatures of
their phase transitions of the second order in the under-
(Physics--Thermodynamics, TT, v. 6, no. 9) (over)

61-16707

- I. Urazovskii, S. S.
- II. Sidorov, I. A.

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A New Principle of Phase Analysis of Polymorphous
Substances by the Surface Tension, by B. S.
Urazovskiy, P. M. Chetayev, 16 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 1,
1949, pp 101-104.

SLA 60-10334

Sci

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Differences Between the Dissociation Constants of Polymorphous Modifications of Acids in Non-Aqueous Solutions, by S. S. Urazovskiy, I. P. Kotlyarenko, A. I. Kuris'ko, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 12, 1959, pp 2732-2739.

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A New Effect in the Temperature Dependence of Surface
Tension, by S. S. Urazovskiy, P. M. Chetayev, 17 p.

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pp 1421-1425.

SLA 59-20725

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Vol 3, No 1

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The Heats of Combustion and the Structure of
Gas Coal and the Solid Products of its Thermal
Destruction, by S. S. Urazovskiy, V. A. Voloshin,
A. I. Vysotskaya, 4 pp.

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1958, ~~pp 595-598~~ pp 595-598.

~~English~~
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A New Cavitation Method for Emulsion
Polymerization, by S. S. Urazovskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI,
No 6, 1960, pp 1393-1395.

CB

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A New Method for the Study of Configurational
Transformations of Polymers, by S. S. Urazovskiy,
E. I. I. Ezhik.

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No 3, 1968, pp 329-332

05077 TT-65 6/29/68

NLL M 5167

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A Study of Conformational Changes in Macromolecules in Solutions. III. Conformational Changes in 2-Vinylpyridine-Methacrylic Acid Copolymer, by I. T. Slyusarov, S. S. Urazovskiy, 9 pp.

RUSSIAN, per, Vysokomolekulyarnyye Soyodineniya, No 4, 1962, pp 481-485. 9680151

FTD-TT-62-1572

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Apr 63

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Particularities of the Temperature Dependence
of the Refractive Index in Liquids, by
S. S. Urazovskiy, P. M. Chetayev, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, 1959, Vol LXVII,
No 2, pp 313-315.

SLA 60-10333

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Vol III, No 3

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Chemical Action of Ultrasound, by S. S. Urazov'-
skiy and I. G. Polotskiy, 8 pp.

RUSSIAN, per, Acta Physicochim SSSR, Vol XIII,
1940, pp 443-453.

SLA R-2624

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Aug 58

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Urbach, F. and Nail, N. R.

PHOTOCONDUCTOGRAPHIC REPRODUCTION PROCESS
USING AN ELECTROLYTE CONTAINING A COLLOID.
[1962] [14]p.

Order from OTS or SLA \$1.60

62-18573

Trans. of Belgian patent 606,708, 28 July 61, by
Kodak S. A. (U. S. appl. filed 28 July 60).

DESCRIPTORS: *Photoconductive films, Photography,
*Colloids, Separation, *Electrolytes.

This invention relates in particular to a process of
photoconductographic reproduction, remarkable chiefly
for the following characteristics, considered separately
or in combination: An electric conductivity image is
created in a photoconductive layer, there is electro-
lytically deposited on a receiving surface from an elec-
trolyte and along this conductivity image, a product
(Materials--Photographic, TT, v. 9, no. 6) (over)

62-18573

- I. Urbach, F.
- II. Nail, N. R.
- III. Patent (Belgium) 606

228056

Office of Technical Service

Urbach, F.
NEW PHOTOCONDUCTOGRAPHIC METHOD. [1962]
[6p].
Order from OTS or SLA \$1.10 62-20012

Trans. of Belgian patent 609,408, filed 20 Oct 61
(Priority: U. S. A., 25 Oct 60) by Kodak, S. A.

DESCRIPTORS: *Electrophotography, *Photoconductivity, Electrical conductance, Photographic emulsions, Photographic chemicals, Photographic images.

The main purpose of the invention is to allow a visual control of the photoconductographic method, which avoids tests of exposure or long calculations. The invention has two essential characteristics: the manner following which the electric current is applied and the manner of using non-actinic illumination to examine the image during development. (Author)
(Materials--Photographic, TT, v. 10, no. 11)

62-20012

I. Urbach, F.
II. Patent (Belgium) 609 408

4254891

Office of Technical Services

Urbach, F. and Neil, N. R.
NEW PHOTOCONDUCTOGRAPHIC PROCESS CARRIED
OUT DRY. [1962] [9]p.
Order from OTS or SLA \$1.10

62-20011

Trans. of Belgian patent 609,409, filed 20 Oct 61
(Priority: U.S. no. 64,902, 25 Oct 60) by Kodak, S. A.

DESCRIPTORS: *Electrophotography, *Photo-
conductivity, *Photographic processors,

According to the invention, close electric contact is
carried out between the dry electrolyte and the photo-
conductor with the help of an electroconductive
material, applied by pressure between the silver
halides and the photoconductor at a thickness of less
than three microns and having an optic density by
transmission of less than 0.3. (Author)

(Materials--Photographic, TT, v. 10, no. 11)

62-20011

- I. Urbach, F.
- II. Neil, N. R.
- III. Patent (Belgium) 609 409
- IV. Patent application
(U.S.) 64 902

A254890

Office of Technical Services

Urbach, F.

NEW REVERSIBLE PHOTOCONDUCTOGRAPHIC
PROCESS, [1962] 7p. (figs. omitted).

Order from OTS or SLA \$1.10

62-20009

Trans. of Belgian patent 609,489, filed 23 Oct 61

(Priority: U. S. no. 64,903, 25 Oct 60) by Kodak, S. A.

DESCRIPTORS: *Electrophotography, *Photo-
conductivity, *Color photography, Photographic images,
Reproduction, Photographic recording media.

The first stage of the process (photographic exposure)
can consist of printing by contact, printing by projection
or scanning. The second stage of the process, or the
stage of desensitization, is carried out by applying a
direct current whose polarity is opposite to that usually
used for development. The third stage consists of the
elimination of the variations of conductivity. The
(Materials--Photographic, TT, v. 10, no. 11) (over)

62-20009

I. Urbach, F.

II. Patent (Belgium) 609 489

III. Patent application (U. S.)
64 903

62-20009

Office of Technical Services

~~See paper~~-~~See~~ Read New Method for the Electro-
lytic Recording of an Image and Product for
Carrying out this Method, by D. R. Eastman,
F. Urbach, et. al, 20pp.

BELGIUM, Patent No 606,003, 1961.

OTS 62-20013

Sci-Phys
Jan 64

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~~Serapera-Jon-Road~~ New Method for the Electro-
lytic Recording of an Image and Product for
Carrying out the Method, by D. R. Eastman,
F. Urbach, et. al, 20pp.

BELGIAN, Patent No 606,003, 1961.

OTB 62-20013

Sci-Phys
Jan 64

248,397

Urbach, F. and Nail, N. R.

PHOTOCONDUCTOGRAPHIC PROCESS. [1962] [7]p.
4 refs.

Order from OTS or SLA \$1.10

62-18572

Trans. of Belgian patent 606,707, 28 July 61, by
Kodak S. A. (U. S. application filed 28 July 60).

DESCRIPTORS: *Photoconductive films, Electrolytes,
Color film, Colloids, *Photographic emulsions.

This invention describes a photoconductographic process
in which an electric conductivity image is formed in a
flexible photoconductive layer borne on a flexible con-
ductor support. There is placed between the flexible
layer and a second sheet having good electric conduc-
tivity, an electrolyte containing a product which forms
the image and having a uniform viscosity between 20 and
3000 centipoises. The assembly is compressed enough
(Materials--Photographic, TT, v. 9, no. 6) (over)

62-18572

I. Urbach, F.
II. Nail, N. R.
III. Patent (Belgium) 606 707

228055

Office of Technical Services

Synthesis of Simple Quinone Derivatives With
Fungicidal Bacteriostatic and Cytostatic Properties.
C. Quinones With Cytostatic Properties, by Walter
Gauss, Siegfried Petersen, Ewald Urbachsch, 15 pp.

GERMAN, per, Angewandte Chemie, Vol LXVII, No 8,
1955, pp 217-231.

ELA 60-10537

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Vol III, No 5

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Study of Basic Phosphate (Lag Ponds, 79
by P. Ikenbitch, G. Urdin, et al.
PENCE, rpt, from presented at the
International Congress on Ocean Stratigraphy
at La Jolla, 23-26 Sep 1963.
DNR 3740

et al.
Apr 63

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Study of the Formation of Red Fumes Produced
by the Impact of a Jet of Oxygen on a Molten
Metal Surface, by G. Urbain.

FRENCH, per. Rev Met. Vol 59, Sept 1962,
pp 725-732.

LISI 5734

G. Urbain

Sci/Rat

Nov 68

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1 4
Some Problems of the Theory of Chemical Equilibria,
by V. Yu. Urbakh, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 1,
1961, pp 31-40.

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A Nonlinear Theory of Vector-Fields, by V. Yu.
Urbakh, 5 pp.

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No 1(7), 1958, pp 208-215.

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Feb 59

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GERMAN, par, Der Deutsche Strassenverkehr, No 10,
1958, pp 330, 331.

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EUR - E Germany
Econ - Transportation, Highways
Dec 58

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Pump for Handling Molten Metals Such as Zinc,
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SLA Tr 761/1955

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Antigenic Properties of the Collagen and
Their Modification Under the Action of
Radium Emanation, by J. & Loiseleur, A.
Urbain, 6 pp.

FRENCH, per, Comptes Rendus, Societe de
Biologie, Vol CIII, 1930, pp 776-778.

NIH Tr 1022

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Researches on the Chlorinated Derivatives of
Methyl Formate and Carbonate, by V. Grignard,
G. Rivat, E. Urbain, 3 pp.

FRENCH, per, Ann Chim et Phys, Vol XIII, 1920,
pp 229-.

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Sci - Chem
Jul 57

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Urbain, Edouard.
THE INDUSTRY OF PHOSPHORIC ACID IN ITS RELATION TO THE MANUFACTURE OF ACTIVE CARBONS. Paper presented at the conference in Mulhouse, 28 Nov 28. [1963] 20p.
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63-16218

Trans. of Société Industrielle de Mulhouse. Bulletin (France) 1929 [v. 95] p. 325-343.

DESCRIPTORS: *Chemical industry, *Phosphoric acids, *Potassium compounds, *Phosphates, *Activated carbon, Manufacturing methods, Towers (Chemistry), Furnaces, Design,

(Engineering--Chemical, TT, v. 10, no. 12)

63-16218

I. Urbain, E.

... 55703

Office of Technical Services

The Influence of Certain Dissolved Elements on the Rate
of Nitrogen Dissolution in Molten Iron, by
P. Kozakevitch, G. Urbain.
FRENCH, per, Les Memoires Scientifiques de la Revue de
Metallurgie, Vol LX, No 2, 1963, pp 143-156.

BSI 3369

Sci - M/M
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Surface Tension of Molten Iron and Its Alloys,
Part II, by P. Kozakevitch, G. Urbain.

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Revue de Metallurgie, Vol LVIII, Jul 1961,
pp 517-534.

BISI 2609

Sci - m/m
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Study of Basic Phosphate Slag Foams, by
P. Kozakevitch, G. Urbain.
FRENCH, rpt, Paper Presented at the International
Congress on Oxygen Steelmaking at Le Touquet,
Sep 1963.
BISI 3740

Sci - M/M
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Surface Tension of Molten Iron and Its Alloys,
Part III, by P. Kozakevitch, G. Urbain.

FRENCH, per, Memoires (Les) Scientifiques de St
la Revue de Metallurgie, Vol LVIII, Dec 1961,
pp 931-947.

BISI 2609

Sci - m/m

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An Electric Furnace for the Firing of Refractories
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3 pp. 1

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351, 352.

AEC Tr 3652

Sci - Engr

Jun 59

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Viscosity Measurements⁷ of Synthetic Slags in the
FeO-SiO₂-TiO₂ System, by G. Urbain

FRENCH, per, Comptes Rendus, Vol CCXXXII,
1951, pp 330-332.

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Scientific - Minerals/Metals
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Magnesium Content of the Serum and Plasma of Some
Mammals, by Urbain, M. A. Pasquier, 3 pp.

FRENCH, per, Bull Museum Natl Hist Nat, Vol XX,
Paris, 1948, pp 232-234.

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Sci - Biol

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Jul 57

The Structure and Properties of Co-Cr-Fe
Alloys, by M. Urbain.

French, rpt, Paper Presented at the Inter-
national Conference on the Application of
Cobalt, 1964, 9-11 Jun, No. 13.

*AISI 4026

sci/tec & nat
Mar 65

Atomic Numbers of Lutetium, Ytterbium and
Lanthanum, by M. A. Sauvalier, M. G. Urbain.
FRENCH, per, Compt. Rend., Vol 174, 1922,
pp 1347-1351.
NASA TT P-8816

9816

M G Urbain

U. S. GOVERNMENT USE ONLY

Sci-Phys

Apr 66

298,737

Atomic Numbers of Lutecium Ytterbium
and Hafnium, by M. G. Urbain, M. A. Dauvillier.
FRENCH, per, Compt. Rend., Vol 174, 1922,
pp 1347-1351.
NASA TT F-9816

U. S. GOVERNMENT USE ONLY
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Apr 66

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New Method for Studying Thermal Fields, by F. Urbakh,
7 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol XLIV, No 4, 1951,
pp 630-633.

Sci Trans Center RT-906

Scientific - Physics
CTS/DEX

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Problem of Resolution of Statistical Distributions
~~XX~~ Deviating From Normal into Two Normal
Distributions-- II. Asymmetrical Distributions,
by V. Yu. Urbakh, 8 pp.

RUSSIAN, per, Biofizika, Vol VI, No 3, 1961,
pp 265-271.

PP

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Jun 62

On the Critical State in Liquid-Gas Transitions,
by V. Yu. Urbakh, 15 pp.
RUSSIAN, per, Zhurnal Fizicheskoi Khimii,
Vol 33, 1959, pp 515-522. F911163167
ABC LA Tr-66-82

V. Yu. Urbakh

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Sci - Nuclear Science
May 67

Systems of Statistical Characteristics ~~XXXXXXXXXX~~
Independent of Moments, by V. Yu. Urbakh, 6 pp.

RUSSIAN, per, Biofizika, Vol VI, No 4, 1961.

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Resolution of Statistical Distributions
Deviating From Normal into Two Normal
Distributions--I. Symmetrical Distribution,
6 pp, by V. Yu. Urbakh.

RUSSIAN, per, Biofiz, Vol VI, No 1, 1961.

PP

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on the Critical State in Liquid-Gas Transitions,
by V. Yu. Urbakh.
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1959, pp 515-522
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ENC 100 87

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V. Yu. Urbakh

SCI/Physics
ENC 60

The French Navy's Atomic Research, by Urban.

SWEDISH, per, Sveriges Flotta Vol LIII, No 2, Feb
1957, pp 20, 21.

Navy Tr 1556/ONI-49

NoEur - Sweden
Sci - Nuclear Physics

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Dec 57

E. Urban

Discussion on the Zero Adjustment of Pneumatic
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GERMAN, per, Feingeraststechnik, Vol 13, No 5, 1964,
pp 212-218.

NTC-71-10368-14B

CSIRO/No 7136

Nov 71

Urban, B.

ACUTE CEREBRAL SIDE EFFECTS OF STREPTOMYCIN, STREPTOMYCIN PANTOTHENATE, NEOMYCIN, KANAMYCIN, BACITRACIN, COLIMYCIN AND NEBACETIN(R): EXPERIMENTAL INVESTIGATIONS ON RABBITS (Die Akuten Cerebralen Nebenwirkungen von Streptomycin, Streptomycinpantothemat, Neomycin, Kanamycin, Bacitracin, Collimycin und Nebacetin(R). Experimentelle Untersuchungen am Kaninchen). [1963] 34p. 37 refs.

Order from SLA \$3.60

63-16383

Trans. of Acta Neurochirurgica (Austria) 1961, v. 9, Mar, p. 398-428.

DESCRIPTORS: *Brain, Toxicity, Streptomycins, Neomycin, Collimycin, *Antibiotics, Drugs, *Tolerances (Physiology), Rabbits.

(Biological Sciences--Pharmacology, TT, v. 10, no. 9)

63-16383

1. Title: Bacitracin

2. Title: Kanamycin

3. Title: Nebacetin

I. Urban, B.

II. Title: Experimental ...

III. Title: Experimentelle ...

Office of Technical Services

Regarding the Splitting Off of Ammonia From Amino
Acids and Other Substances in the Light of the
Quartz Lamp, by F. Lieben, F. Urban, 15 pp.

GERMAN, per, Biochem Z, Vol CCXXXIX, 1931, pp 250-
256.

S.L.A. Tr 57-410

Sci - Chemistry
Jun 57

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Experimental Dental Caries, by Dr Frantisek Urban,
27 pp.

CZECH, per, Ceskoslovenska Stomatologie, Vol LVIII,
No 7/8, pp 243-260. CIA D 151146

NIH

Scientific - Medicine

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CTS 66/Mar 1955

Methods for Dust Precipitation of
Converter Gas, by H. Hoff, G. Urban.
GERMAN, per, Techn. Mitt. Krupp,
Vol 21, Nov 1963, pp 125-136.
BISI 4208

68

G. Urban

Sci/MEM
Sep 65

289,452

74
Removal of Dust from Electric
Furnace Waste Gases. Part III -
Extraction of Dust From Arc Furnaces
by Means of Electrofilters, by
E.O. Gruberle; Part IV Experience
With Drawing off the Waste Gases and
With Electrical Dust Extraction on
Arc Furnaces, by G. Urban.
G.M.A., per, Stahl Und Eisen, Vol 34,
No 23, 1904, pp 1500-1505.
BB 6419

G. Urban

601/10N
JUN 65

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Some Aspects of the U.S. Attitude Toward European
'Integration', by Guenther Urban, 13 pp.

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FBIS Wire

EEur - Germany
Pol
23 Oct 62

MOVEMENT OF MATERIALS IN FOOD INDUSTRY,
BY JAROSLAV URBAN,

CZECH, PER, HOSPODARSKE NOVINY, NO 23,
8 JUN 1962, P 6.

FDD SUM 3734

EEUR - CZECHOSLOVAKIA
ECON
JUL 62

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202 228

Prospects for Copper Ores in Slovakia, by Ivan Cillik,
Karel Urban, 11 pp. GOVERNMENT USE ONLY
CZECH, per, Geologicky Pruzkum, Vol V, No 12, 1963,
pp 356-358.
JPRS GUO 244

Sci-Mat & Met
Apr 64

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(NY-6430)

Difficulties of Plan Implementation on
State Farms, by M. Urban, 3 pp.

POLISH, per, Nowe Rolnictwo, Vol X,
No 10, May 1961, pp 22-25.

JPRS 12811

EEur - Poland
Econ
Mar 62

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Experimental Ascites and Edemata in Dogs Due to Administration of Desoglycorticosterone Acetate and Sodium Chloride, After Protein Deficiency and Constriction of the Portal Vein, by J. Stahl, F. Stephan, M. Urban, 6 pp.

FRENCH, per, Comptes Rendus Soc Biol, Vol CXLVII, Aug/Sep 1953, pp 1465-1468.

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Sci - Medicine
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A New Method of Handling Ingots After Casting, by M. Urbanec. 78
CZECH, per, Huthik (Prague), Vol 13,
No 12, 1963, pp 579-583.
BISI 3967

EE-Czech
Sci.M&M
May 65

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Uchtm, Norbert.
THE TREATMENT OF "HOSPITAL DYSPEPSIA" OF
INFANTS WITH COLESTIN (Die Behandlung der
"Hospitaldyspepsie" des Säuglings mit Colestin). [1963]
11p. 27 refs.
Order from SLA \$1.60 63-16500

Trans. from Deutsche Medizinische Wochenschr[ift]
(West Germany) 1960, v. 85, 16 Dec, p. 2243-2248.

DESCRIPTORS: Hospitals, Diseases, *Gastrointestinal
system, *Infants, Antibiotics, *Colic, Drugs.

(Biological Sciences--Pharmacology, TT, v. 10, no. 6)

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I. Uchtm, M.

A247785

Office of Technical Services

Scattering of Fast Electrons, by P. Urban,
H. Zingl, 34 pp.

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Sci - Phys

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(SF-1837)

Moscow's Current Cultural Policy Toward the Non-Russian
Nationalities in the Soviet Union, by Paul Urban, 17 pp

GERMAN, per, Osteuropa, No 3, 1961, pp 212-226.

JPRS 4737

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Jul 61

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The Last Period -- Military Developments in Czechoslovakia,
by Rudolf Urban, 19 pp.

GERMAN, par., Concept, No 11, 12, 1963, pp 772-784.

JPRS 22564

EE-Czechoslovakia

Pol

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